

Stuart R Batten

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Interpenetrating Nets: Ordered, Periodic Entanglement. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 1460-1494.	7.2	4,229
2	Structure and magnetism of coordination polymers containing dicyanamide and tricyanomethanide. <i>Coordination Chemistry Reviews</i> , 2003, 246, 103-130.	9.5	985
3	Terminology of metal-organic frameworks and coordination polymers (IUPAC Recommendations) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 3</i>	0.9	984
4	Topology of interpenetration. <i>CrystEngComm</i> , 2001, 3, 67.	1.3	663
5	A Neutral 3D Copper Coordination Polymer Showing 1D Open Channels and the First Interpenetrating NbO-Type Network. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 192-195.	7.2	558
6	Coordination polymers, metal-organic frameworks and the need for terminology guidelines. <i>CrystEngComm</i> , 2012, 14, 3001.	1.3	464
7	An Exceptional 54-Fold Interpenetrated Coordination Polymer with 10 ³ -srs Network Topology. <i>Journal of the American Chemical Society</i> , 2011, 133, 11406-11409.	6.6	328
8	Structure and molecular magnetism of the rutile-related compounds M(dca) ₂ , M = Coll, Nill, Cull, dca = dicyanamide, N(CN) ₂ ⁻ . <i>Chemical Communications</i> , 1998, , 439-440.	2.2	296
9	Ni(tpt)(NO ₃) ₂ ·A Three-Dimensional Network with the Exceptional (12,3) Topology: A Self-Entangled Single Net. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 1475-1477.	7.2	271
10	Two Interpenetrating 3D Networks Which Generate Spacious Sealed-Off Compartments Enclosing of the Order of 20 Solvent Molecules in the Structures of Zn(CN)(NO ₃)(tpt) ₂ /3.cntdot.solv (tpt =) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3</i>	6.6	252
11	Temperature-Dependent Synthesis of Metal-Organic Frameworks Based on a Flexible Tetradentate Ligand with Bidirectional Coordination Donors. <i>Journal of the American Chemical Society</i> , 2007, 129, 4520-4521.	6.6	243
12	A New Self-Penetrating Uniform Net, (8,4) (or 86), Containing Planar Four-Coordinate Nodes. <i>Journal of the American Chemical Society</i> , 2003, 125, 16170-16171.	6.6	230
13	Organic-Acid Effect on the Structures of a Series of Lead(II) Complexes. <i>Inorganic Chemistry</i> , 2007, 46, 6542-6555.	1.9	230
14	Molecular Tectonics of Metal-Organic Frameworks (MOFs): A Rational Design Strategy for Unusual Mixed-Connected Network Topologies. <i>Chemistry - A European Journal</i> , 2007, 13, 2578-2586.	1.7	227
15	Coligand Modulated Six-, Eight-, and Ten-Connected Zn/Cd-1,2,4-Triazolate Frameworks Based on Mono-, Bi-, Tri-, Penta-, and Heptanuclear Cluster Units. <i>Crystal Growth and Design</i> , 2007, 7, 2332-2342.	1.4	225
16	Multidimensional Metal-Organic Frameworks Constructed from Flexible Bis(imidazole) Ligands. <i>Crystal Growth and Design</i> , 2005, 5, 1775-1780.	1.4	215
17	Self-Assembly of a Series of Cobalt(II) Coordination Polymers Constructed from H ₂ tbp and Dipyridyl-Based Ligands. <i>Inorganic Chemistry</i> , 2009, 48, 915-924.	1.9	213
18	A Cubic(3,4)-Connected Net with Large Cavities in Solvated [Cu ₃ (tpt) ₄](ClO ₄) ₃ (tpt=) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Td (2,4,6</i>	4.4	208

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19	An unprecedented eight-connected self-penetrating network based on pentanuclear zinc cluster building blocks. <i>Chemical Communications</i> , 2005, , 4789.	2.2	207
20	Single molecule magnetism in a family of mononuclear Ln^{II} -diketonate lanthanide(iii) complexes: rationalization of magnetic anisotropy in complexes of low symmetry. <i>Chemical Science</i> , 2013, 4, 1719.	3.7	204
21	Interdigitation, Interpenetration and Intercalation in Layered Cuprous Tricyanomethanide Derivatives. <i>Chemistry - A European Journal</i> , 2000, 6, 156-161.	1.7	202
22	Structural Variation from 1D to 3D: Effects of Temperature and pH Value on the Construction of $\text{Co}(\text{II})\text{-H}_2\text{O}$ Mixed Ligands System. <i>Crystal Growth and Design</i> , 2009, 9, 1741-1749.	1.4	196
23	Coordination polymers. <i>Current Opinion in Solid State and Materials Science</i> , 2001, 5, 107-114.	5.6	193
24	Unusual parallel and inclined interlocking modes in polyrotaxane-like metal-organic frameworks. <i>Chemical Communications</i> , 2008, , 2233.	2.2	186
25	Syntheses, structures and magnetism of $[\text{Mn}(\text{dca})_2]$, $[\text{Mn}(\text{dca})_2(\text{H}_2\text{O})_2] \cdot \text{H}_2\text{O}$, $[\text{Mn}(\text{dca})_2(\text{C}_2\text{H}_5\text{OH})_2] \cdot (\text{CH}_3)_2\text{CO}$, $[\text{Fe}(\text{dca})_2(\text{CH}_3\text{OH})_2]$ and $[\text{Mn}(\text{dca})_2(\text{L})_2]$, where $\text{L} = \text{pyridine}$, CH_3OH or DMF and $\text{dca} = \text{dicyanamide}$, $\text{N}(\text{CN})_2$. <i>Journal of the Chemical Society Dalton Transactions</i> , 1999, , 2987-2997.		185
26	Ordering. <i>Inorganic Chemistry</i> , 1997, 36, 5006-5015.	1.9	184
27	Cu^{2+} -Mediated Dehydrogenative Coupling and Hydroxylation of an N-Heterocyclic Ligand: From Generation of a New Tetratopic Ligand to the Designed Assembly of Three-Dimensional Copper(I) Coordination Polymers. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 5471-5475.	7.2	184
28	A Nanoscale Molecular Switch Triggered by Thermal, Light, and Guest Perturbation. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 2549-2552.	7.2	169
29	Polyrotaxane metal-organic frameworks (PMOFs). <i>Chemical Communications</i> , 2012, 48, 7899.	2.2	167
30	Self-Penetration—A Structural Compromise between Single Networks and Interpenetration: Magnetic Properties and Crystal Structures of $[\text{Mn}(\text{dca})_2(\text{H}_2\text{O})]$ and $[\text{M}(\text{dca})(\text{tcm})]$, $\text{M} = \text{Co}$, Ni , Cu , $\text{dca} = \text{Dicyanamide}$, $\text{N}(\text{CN})_2$, $\text{tcm} = \text{Tricyanomethanide}$, $\text{C}(\text{CN})_3$. <i>Chemistry - A European Journal</i> , 2000, 6, 3186-3195.	1.7	166
31	Four-, and six-connected entangled frameworks based on flexible bis(imidazole) ligands and long dicarboxylate anions. <i>CrystEngComm</i> , 2009, 11, 151-159.	1.3	165
32	Metal-organic framework (MOF): lanthanide(iii)-doped approach for luminescence modulation and luminescent sensing. <i>Dalton Transactions</i> , 2010, 39, 4485.	1.6	163
33	Systematic Metal Variation and Solvent and Hydrogen Gas Storage in Supramolecular Nanoballs. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 8919-8922.	7.2	159
34	First Cu^{I} Diamondoid Net with 2-Fold Interpenetrating Frameworks. The Role of Anions in the Construction of the Supramolecular Arrays. <i>Inorganic Chemistry</i> , 2002, 41, 4904-4908.	1.9	156
35	The effect of anion fluorination in ionic liquids—physical properties of a range of bis(methanesulfonyl)amide salts. <i>New Journal of Chemistry</i> , 2003, 27, 1504-1510.	1.4	156
36	Preparation of Acentric Porous Coordination Frameworks from an Interpenetrated Diamondoid Array through Anion-Exchange Procedures: Crystal Structures and Properties. <i>Inorganic Chemistry</i> , 2004, 43, 1287-1293.	1.9	154

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37	Structure and Transport Properties of a Plastic Crystal Ion Conductor: Diethyl(methyl)(isobutyl)phosphonium Hexafluorophosphate. <i>Journal of the American Chemical Society</i> , 2012, 134, 9688-9697.	6.6	154
38	Crystal Engineering of Novel Materials Composed of Infinite Two- and Three-Dimensional Frameworks. <i>ACS Symposium Series</i> , 1992, , 256-273.	0.5	152
39	Direction of topological isomers of silver(i) coordination polymers induced by solvent, and selective anion-exchange of a class of PtS-type host frameworks. <i>Chemical Communications</i> , 2005, , 4836.	2.2	151
40	Five New Cobalt(II) and Copper(II)-1,2,4,5-benzenetetracarboxylate Supramolecular Architectures: Syntheses, Structures, and Magnetic Properties. <i>Crystal Growth and Design</i> , 2006, 6, 2355-2368.	1.4	150
41	A Series of Lead(II) Complexes with π - π Stackings: Structural Diversities by Varying the Ligands. <i>Crystal Growth and Design</i> , 2009, 9, 1894-1911.	1.4	149
42	Structures of [Ag(tcm)], [Ag(tcm)(phz)] _{1/2} and [Ag(tcm)(pyz)] (tcm=tricyanomethanide, C(CN) ₃ -) <i>Journal of Inorganic Chemistry</i> , 2004, 10, 144-147.	1.4	144
43	Synthesis, structure and magnetism of new single molecule magnets composed of MnII ₂ MnIII ₂ alkoxo-carboxylate bridged clusters capped by triethanolamine ligands. Electronic supplementary information (ESI) available: Detailed magnetisation discussion, Mn bond valence sums (Table S1), H-bonding details (Table S2). See http://www.rsc.org/suppdata/dt/b3/b312672b/ . <i>Dalton Transactions</i> , 2004, , 1899.	1.6	142
44	Syntheses and structures of metal tetrazole coordination polymers. <i>Dalton Transactions</i> , 2006, , 3170.	1.6	140
45	Unprecedented 4- and 6-Connected 2D Coordination Networks Based on 44-Subnet Tectons, Showing Unusual Supramolecular Motifs of Rotaxane and Helix. <i>Inorganic Chemistry</i> , 2010, 49, 365-367.	1.9	140
46	In situ tetrazole ligand synthesis leading to a microporous cadmium-organic framework for selective ion sensing. <i>Chemical Communications</i> , 2009, , 5415.	2.2	139
47	Copper(I) dicyanamide coordination polymers: ladders, sheets, layers, diamond-like networks and unusual interpenetration. <i>Dalton Transactions RSC</i> , 2000, , 3829-3836.	2.3	136
48	Studies of the construction of coordination polymers using linear pyridyl-donor ligands. <i>Inorganica Chimica Acta</i> , 1999, 292, 231-237.	1.2	135
49	Two Unusual Nanocage-Based Ln-MOFs with Triazole Sites: Highly Fluorescent Sensing for Fe ³⁺ and Cr ²⁺ , and Selective CO ₂ Capture. <i>ChemPlusChem</i> , 2016, 81, 1299-1304.	1.3	133
50	Syntheses and Crystal Structures of a Series of Novel Helical Coordination Polymers Constructed from Flexible Bis(imidazole) Ligands and Metal Salts. <i>Crystal Growth and Design</i> , 2008, 8, 2806-2813.	1.4	131
51	Synthesis, structure and magnetism of a new manganese carboxylate cluster: [Mn ₁₆ O ₁₆ (OMe) ₆ (OAc) ₁₆ (MeOH) ₃ (H ₂ O) ₃] \cdot 6H ₂ O. <i>Chemical Communications</i> , 2002, , 762-763.	2.2	130
52	Physical trends and structural features in organic salts of the thiocyanate anion. <i>Journal of Materials Chemistry</i> , 2002, 12, 3475-3480.	6.7	124
53	Structure and magnetism of new lanthanide 6-wheel compounds utilizing triethanolamine as a stabilizing ligand. <i>Dalton Transactions</i> , 2010, 39, 1705-1708.	1.6	124
54	3D Knitting patterns. Two independent, interpenetrating rutile-related infinite frameworks in the structure of Zn[C(CN) ₃] ₂ . <i>Journal of the Chemical Society Chemical Communications</i> , 1991, , 445.	2.0	121

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55	A well-sian "three-dimensional" racemate: eight interpenetrating, enantiomorphic (10,3)-a nets, four right- and four left-handed. <i>Chemical Communications</i> , 1996, , 1313-1314.	2.2	121
56	First Metal Azide Complex with Isonicotinate as a Bridging Ligand Showing New Net Topology: Hydrothermal Synthesis, Structure, and Magnetic Properties. <i>Inorganic Chemistry</i> , 2006, 45, 2776-2778.	1.9	120
57	Anionic porous metal-organic framework with novel 5-connected vbk topology for rapid adsorption of dyes and tunable white light emission. <i>Journal of Materials Chemistry C</i> , 2014, 2, 1085-1093.	2.7	119
58	An alternative to interpenetration whereby nets with large windows may achieve satisfactory space filling. <i>Chemical Communications</i> , 2000, , 1095-1096.	2.2	116
59	Hydrothermal Synthesis, Structures, and Physical Properties of Four New Flexible Multicarboxylate Ligands-Based Compounds. <i>Inorganic Chemistry</i> , 2008, 47, 9528-9536.	1.9	116
60	Crystal structures and magnetic properties of the interpenetrating rutile-related compounds $M(\text{tcm})_2$ [$M = \text{Co, Ni, Zn}$; tcm = tricyanomethanide, $\text{C}(\text{CN})_3^-$] and the sheet structures of $[\text{M}(\text{tcm})_2(\text{EtOH})_2]$ ($M = \text{Co or Ni}$). <i>Journal of the Chemical Society Dalton Transactions</i> , 1999, , 2977-2986.		115
61	Cation Templating of Anionic Metal Dicyanamide Networks. <i>Inorganic Chemistry</i> , 2001, 40, 1718-1722.	1.9	115
62	Synthesis, Structural Isomerism, and Magnetism of the Coordination Polymers $[\text{M}(\text{dca})_2\text{pyz}]$, $M = \text{Mn, Fe, Co, Ni and Zn}$, dca = Dicyanamide ($\text{N}(\text{CN})_2^-$), and pyz = Pyrazine. <i>Journal of Solid State Chemistry</i> , 2001, 159, 352-361.	1.4	112
63	Expanded ligands: bis(2,2',6'-terpyridine carboxylic acid)ruthenium(ii) complexes as metallosupramolecular analogues of dicarboxylic acids. <i>Dalton Transactions</i> , 2007, , 4323.	1.6	111
64	Unprecedented (3,4)-connected metal-organic frameworks (MOFs) with 3-fold interpenetration and considerable solvent-accessible void space. <i>Chemical Communications</i> , 2007, , 3744.	2.2	110
65	Ag $\text{C}(\text{CN})_3$ -Based Coordination Polymers. <i>Inorganic Chemistry</i> , 2003, 42, 2654-2664.	1.9	108
66	Structural isomers of $\text{M}(\text{dca})_2$ molecule-based magnets. Crystal structure of tetrahedrally coordinated sheet-like $\text{Zn}(\text{dca})_2$ and $\text{Co}(\text{dca})_2$, and the octahedrally coordinated rutile-like $\text{Co}(\text{dca})_2$, where dca = dicyanamide, $\text{N}(\text{CN})_2^-$, and magnetism of $\text{Co}(\text{dca})_2$. <i>Chemical Communications</i> , 1999, , 177-178.	2.2	107
67	2,4,6-Tri(4-pyridyl)-1,3,5-triazine as a 3-Connecting Building Block for Infinite Nets. <i>Angewandte Chemie International Edition in English</i> , 1995, 34, 820-822.	4.4	104
68	Synthesis, Structural Isomerism, and Magnetism of Extended Framework Compounds of Type $[\text{Cu}(\text{dca})_2(\text{pyz})]_n$, Where dca = Dicyanamide ($\text{N}(\text{CN})_2^-$) and pyz = Pyrazine. <i>Journal of Solid State Chemistry</i> , 1999, 145, 387-393.	1.4	103
69	Hydrothermal Synthesis, Structures, and Luminescent Properties of Seven d ¹⁰ Metal-Organic Frameworks Based on 9,9-Dipropylfluorene-2,7-Dicarboxylic Acid (H ₂ DFDA). <i>Crystal Growth and Design</i> , 2009, 9, 1394-1401.	1.4	101
70	Glorious uncertainty challenges for network design. <i>Journal of Solid State Chemistry</i> , 2005, 178, 2475-2479.	1.4	100
71	A Series of Cu(II) Complexes Based on Different Bis(imidazole) Ligands and Organic Acids: Formation of Water Clusters and Fixation of Atmospheric Carbon Dioxide. <i>Crystal Growth and Design</i> , 2008, 8, 4383-4393.	1.4	100
72	Synthesis, Structure, and Characterization of Three Series of 3d-4f Metal-Organic Frameworks Based on Rod-Shaped and (6,3)-Sheet Metal Carboxylate Substructures. <i>Chemistry - A European Journal</i> , 2007, 13, 4948-4955.	1.7	99

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73	Novel Heterometallic 3d [~] 4f Metal [~] Azido Complex of Mixed Ligands with Unprecedented Structure Type: A Synthesis, Structure, and Magnetic Properties. <i>Inorganic Chemistry</i> , 2006, 45, 6129-6131.	1.9	96
74	Cadmium Metal-Directed Three-Dimensional Coordination Polymers: In Situ Tetrazole Ligand Synthesis, Structures, and Luminescent Properties. <i>Crystal Growth and Design</i> , 2010, 10, 1332-1340.	1.4	94
75	Ionic Liquids Based on Imidazolium and Pyrrolidinium Salts of the Tricyanomethanide Anion. <i>Australian Journal of Chemistry</i> , 2004, 57, 121.	0.5	91
76	Infinite molecular tubes: structure and magnetism of M(dca) ₂ (apym) [M = Co, Ni, apym = 2-aminopyrimidine, dca = dicyanamide, N(CN) ₂ [~]]. <i>Chemical Communications</i> , 2000, , 793-794.	2.2	90
77	Magnetic canting or not? Two isomorphous 3D Coll and Nill coordination polymers with the rare non-interpenetrated (10,3)-d topological network, showing spin-canted antiferromagnetism only in the Coll system. <i>Chemical Communications</i> , 2007, , 2290.	2.2	90
78	Reversible shrinkage and expansion of a blue photofluorescent cadmium coordination polymer and in situ tetrazole ligand synthesis. <i>Chemical Communications</i> , 2008, , 2239.	2.2	89
79	Templated assembly of a μ_6 -CO ₃ ²⁻ dodecanuclear lanthanum dibenzoylmethanide hydroxido cluster with concomitant formation of phenylglyoxylate. <i>Dalton Transactions</i> , 2007, , 5651.	1.6	88
80	Syntheses, crystal structures, and magnetic properties of first row transition metal coordination polymers containing dicyanamide and 4,4'-bipyridine. <i>Dalton Transactions RSC</i> , 2002, , 3712-3722.	2.3	87
81	Three-Dimensional Metal Azide Coordination Polymers with Amino Carboxylate Coligands: Synthesis, Structure, and Magnetic Properties. <i>Inorganic Chemistry</i> , 2009, 48, 4674-4684.	1.9	87
82	CUB-5: A Contoured Aliphatic Pore Environment in a Cubic Framework with Potential for Benzene Separation Applications. <i>Journal of the American Chemical Society</i> , 2019, 141, 3828-3832.	6.6	87
83	A Unique Cyanide-Bridged Three-Dimensional (3-D) Copper(II) [~] Copper(I) Mixed-Valence Polymer Containing 1-D Water Tapes with Cyclic Pentamer Units. <i>Inorganic Chemistry</i> , 2005, 44, 3371-3373.	1.9	86
84	Solvolysis of [B(C ₆ H ₅) ₄] [~] in Methanol To Give the Chiral Coordination Polymer Cd(tcm)[B(OMe) ₄] [~] ·xMeOH, x = 1.6. <i>Angewandte Chemie International Edition in English</i> , 1997, 36, 636-637.	4.4	85
85	[CH ₃ NH ₂ (CH ₂) ₂ NH ₂] ₂ [M ₂ (HCOO) ₄] ₂ (M = Mn ^{II} and Co ^{II}): Weak Ferromagnetic Metal Formate Frameworks of Unique Binodal 6-Connected (4 ¹² ·6 ³)(4 ⁹ ·6 ⁶) Topology, Templated by a Diammonium Cation. <i>Inorganic Chemistry</i> , 2007, 46, 8439-8441.	1.9	85
86	A Variety of 1D to 3D Metal [~] Organic Coordination Architectures Assembled with 1,1'-[2,2'-Oxybis(ethane-2,1-diyl)]bis(1 <i>H</i> -imidazole). <i>Crystal Growth and Design</i> , 2008, 8, 1654-1662.	1.4	83
87	A combined experimental and computational study of novel nanocage-based metal [~] organic frameworks for drug delivery. <i>Dalton Transactions</i> , 2015, 44, 19370-19382.	1.6	83
88	Synthesis, crystal structures and fluorescence properties of two new di- and polynuclear Cd(II) complexes with N ₂ O donor set of a tridentate Schiff base ligand. <i>Polyhedron</i> , 2008, 27, 1193-1200.	1.0	81
89	An uncommon (5,5)-connected 3D metal organic material for selective and sensitive sensing of nitroaromatics and ferric ion: experimental studies and theoretical analysis. <i>CrystEngComm</i> , 2017, 19, 3519-3525.	1.3	78
90	Two Coordination Polymers Involving Triangular and Linear Trinuclear Co(II) Clusters Created Via In situ Ligand Synthesis. <i>Crystal Growth and Design</i> , 2009, 9, 2036-2038.	1.4	76

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91	Synthesis, structure and fluorescence of two novel manganese(II) and zinc(II)-1,3,5-benzene tricarboxylate coordination polymers: Extended 3D supramolecular architectures stabilised by hydrogen bonding. <i>Inorganica Chimica Acta</i> , 2005, 358, 3855-3864.	1.2	75
92	Anionic metal dicyanamide networks with paramagnetic counter-cations. <i>Chemical Communications</i> , 2000, , 2331-2332.	2.2	74
93	Conductivity, NMR and crystallographic study of N,N,N,N-tetramethylammonium dicyanamide plastic crystal phases: an archetypal ambient temperature plastic electrolyte material. <i>Physical Chemistry Chemical Physics</i> , 2003, 5, 2692.	1.3	74
94	Designing dinuclear iron(II) spin crossover complexes. Structure and magnetism of dinitrile-, dicyanamido-, tricyanomethanide-, bipyrimidine- and tetrazine-bridged compounds. <i>Dalton Transactions</i> , 2004, , 3370.	1.6	74
95	New Cu(II) complexes with polydentate chelating Schiff base ligands: Synthesis, structures, characterisations and biochemical activity studies. <i>Structural Chemistry</i> , 2007, 18, 33-41.	1.0	74
96	Structure and magnetism of anionic dicyanamidometallate extended networks of types (Ph ₄ As)[MII(dca) ₃] and (Ph ₄ As) ₂ [MII(dca) ₆ (H ₂ O)]·xH ₂ O·xCH ₃ OH, where dca=N(CN) ₂ ⁻ and MII=Co, Ni. <i>Polyhedron</i> , 2001, 20, 1129-1138.	1.0	73
97	Dicarboxylate anion-dependent assembly of Ni(II) coordination polymers with 4,4'-dipyridyl sulfide. <i>CrystEngComm</i> , 2009, 11, 777.	1.3	73
98	The chemistry and complexes of small cyano anions. <i>Chemical Communications</i> , 2011, 47, 10189.	2.2	73
99	Synthesis, characterisation and crystal structures of a few coordination complexes of nickel(II), cobalt(III) and zinc(II) with N ⁻ -[(2-pyridyl)methylene]salicyloylhydrazone Schiff base. <i>Inorganica Chimica Acta</i> , 2007, 360, 2471-2484.	1.2	70
100	A series of intriguing metal-organic frameworks with 3,3',4,4'-benzophenonetetracarboxylic acid: structural adjustment and pH-dependence. <i>CrystEngComm</i> , 2008, 10, 1583.	1.3	70
101	Three New Heterothiometallic Cluster Polymers with Fascinating Topologies. <i>Inorganic Chemistry</i> , 2009, 48, 5772-5778.	1.9	70
102	A 3D network of tetranuclear 4 ² /4 ³ -carbonato Dy(III) bis-pyrazolylpyridine clusters showing single molecule magnetism features. <i>Chemical Communications</i> , 2012, 48, 2089.	2.2	70
103	From 1-D Coordination Polymers to 3-D Hydrogen-Bonding Networks: Crystal Engineering and Magnetism of Cull ²⁺ dca ⁻ Cyanopyridine Supramolecular Systems (dca = Dicyanamide, N(CN) ₂ ⁻). <i>Crystal Growth and Design</i> , 2005, 5, 901-909.	1.4	69
104	Coordination polymers of sulphur-donor ligands. <i>Inorganica Chimica Acta</i> , 2013, 403, 9-24.	1.2	69
105	A simple synthesis and a structural survey of homoleptic rare earth(III) 2,6-diphenylphenolates. <i>Dalton Transactions RSC</i> , 2000, , 961-966.	2.3	67
106	Self-assembly of a heterometallic molecular triangle using an ambidentate ligand and self-selection for a single linkage isomer. <i>Dalton Transactions</i> , 2007, , 1869.	1.6	67
107	Three Unprecedented Entangled Metal-Organic Frameworks: Self-Penetration and Hydrothermal in Situ Ligand Formation. <i>Crystal Growth and Design</i> , 2009, 9, 2995-2998.	1.4	67
108	Two 3-D Cluster-Based Frameworks: Highly Eight-Connected Molecular Topology and Magnetism. <i>Crystal Growth and Design</i> , 2009, 9, 2756-2761.	1.4	67

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109	Unusual parallel entanglement of metal-organic 2D frameworks with coexistence of polyrotaxane, polycatenane and interdigitation. <i>CrystEngComm</i> , 2009, 11, 1030.	1.3	67
110	A Luminescent Zinc(II) Metal-Organic Framework for Selective Detection of Nitroaromatics, Fe ³⁺ and CrO ₄ ²⁻ : A Versatile Threefold Fluorescent Sensor. <i>ChemPlusChem</i> , 2016, 81, 885-892.	1.3	67
111	Lanthaballs: Chiral, Structurally Layered Polycarbonate Tridecanuclear Lanthanoid Clusters. <i>Chemistry - A European Journal</i> , 2009, 15, 5203-5207.	1.7	66
112	A 3D luminescent Zn(II) MOF for the detection of high explosives and the degradation of organic dyes: an experimental and computational study. <i>CrystEngComm</i> , 2017, 19, 6464-6472.	1.3	66
113	Deconstruction of Crystalline Networks into Underlying Nets: Relevance for Terminology Guidelines and Crystallographic Databases. <i>Crystal Growth and Design</i> , 2018, 18, 3411-3418.	1.4	65
114	The Encapsulation of Ferrocyanide by Copper(II) Complexes of Tripodal Tetradentate Ligands. Novel H-Bonding Networks Incorporating Heptanuclear and Pentanuclear Heterometallic Assemblies. <i>Inorganic Chemistry</i> , 2001, 40, 4696-4704.	1.9	64
115	Syntheses, Crystal Structures, and Gas Storage Studies in New Three-Dimensional 5-Aminoisophthalate Praseodymium Polymeric Complexes. <i>Inorganic Chemistry</i> , 2009, 48, 3976-3981.	1.9	62
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